

Amendments to the Specification:

Please replace the paragraph at page 8, lines 16-25 with the following amended paragraph:

"RDGC phosphatase" is a protein that has phosphatase activity for G-protein coupled receptors. As used herein, the term "RDGC phosphatase" includes naturally occurring RDGC, recombinant RDGC, and functional RDGC equivalents that have GPCR phosphatase activity, e.g., interspecies homologs, alleles, polymorphic variants and the like. The term RDGC therefore refers to RDGC homologs such as polymorphic variants, alleles, mutants, and closely related interspecies variants that have about at least 60% amino acid sequence identity to RDGC phosphatase (e.g., are substantially identical to RDGC; see the sequence of RDGC in Steele *et al.*, *Cell* 69:669-676 (1992), herein incorporated by reference) and have GPCR phosphatase activity, as determined using the assays described herein. The sequence of RDGC in Steele *et al.*, *Cell* 69:669-676 (1992) is:

MDENAIRAAIFIQKWYRRHQARREMQRRRCNWQIFQONLEYASEQDQAELYKFFNDLIKH
MPQAAGRKNQYQGSAAHVSVLDDKDDLVEEFGDIVNAKIELPIRKNHIDLLIDVFRKKRG
NRLHPKYVALILREAAKSLKQLPNISPVSTAVSQQVTVCGDLHGKLDDLLVVLHKNGLP
SSSNPYVFNGDFVDRGKRGLEVLLLLLSLYLAFPNVFLNRGNHEDSVMNARYGFIREV
ESKYPRNHKRILAFIDEVYRWLPLGSVLNSRVLIVHGGFSDSTSLDLIKSIDRGKYVSILRP
PLTDGEPLDKTEWQQIFDIMWSDPQATMGCVPNTLRGAGVWFGPDVTDNFLQRHRLSY
VIRSHECKPNGHEFMHDNKIITIFSASNYAIGSNKGAYIRLNNQLMPHFVQYISAASQT
KRLSFKQRMGIVESSALKELAVRMRDHRDELEDEFKDYDPKDSGYISISHWCKVMENV
TKLGLPWRLLRDKLAPGTDSQKVNYNRTLDLLDTDVILEAEADGMSVMDALYANKAS
LVAIFNIIDADNSGEITLDEFETAIDLLVAHMPGAYSKAEMLEKCRMMDLNGDGKVDLN
EFLEAFRLSDLHRKEQQDENIRRRSTGRPSVAKTATDPVTLLADKISKNTLVVEHDIDPT
DCESKVIDPKKS (SEQ ID NO:1).

Please insert the paper copy of the sequence listing, pages 1-3, at the end of the application.